

# Converting Colors

Android(4280607999)

Have a look what the booklet for  
Android(4280607999) contains.

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**Color**

**Android(4280607999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24E4FF
RGB	36, 228, 255
RGB Percent	14%, 89%, 100%
CMY	0.8588, 0.1059, 0.0000
CMYK	0.86, 0.11, 0.00, 0.00
HSL	187°, 100%, 57%
HSV	187°, 86%, 100%
XYZ	46.5210, 63.0819, 104.3318
YIQ	173.6700, -123.0990, -32.3070

# Conversions

## Conversions Part 2

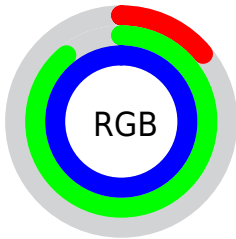
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 138, 255
Decimal	2417919
CIE Lab	83.49, -34.78, -25.65
CIE LCh	83, 43.211, 216.408
Yxy	63.0819, 0.2175, 0.2949
Android (android.graphics.Color)	4280607999 (0xFF24E4FF)
YUV	173.6700, 40.0957, -120.7366
Hunter-Lab	79.4241, -34.4396, -22.2867




# Details

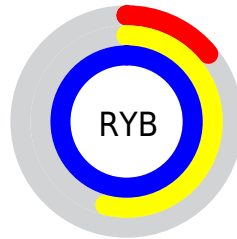
The Android color `4280607999` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294917924`, and the grayscale version is `4289572269`.




A 20% lighter version of the original color is `4286447615`, and `4278234310` is the 20% darker color. If you saturate the color by 10%, you get `4278903295`, and if you desaturate by 10%, it is `4282247167`.

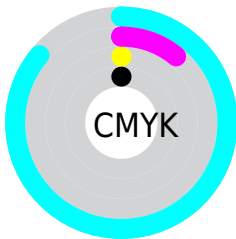
# Distribution







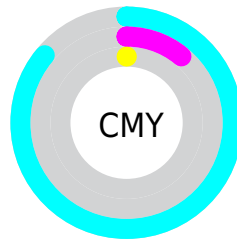
-  Red (14%)
-  Green (89%)
-  Blue (100%)






-  Red (14%)
-  Yellow (54%)
-  Blue (100%)



-  Cyan (86%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (0%)



-  Cyan (86%)
-  Magenta (11%)
-  Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280607999 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4280607999 by changing the saturation by 10% instead.



 4280607999

 4280607999

4294967295

 4278241506

 4286447615

 4278234310

 4288675839

 4278227371

 4290838527

 4278220688

 4292935679

 4278214263

 4278207838

 4278201926

 4278196016

 4278190363

■ 4280607999

■ 4280607999

■ 4278903295

■ 4282247167

■ 4278247679

■ 4283951871

■ 4285591039

■ 4287295999

■ 4288935167

■ 4290639871

■ 4292279039

■ 4293983743

4294967295

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4283295448



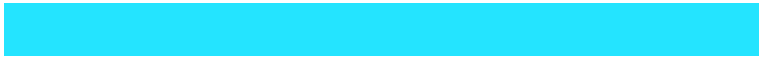
4280607999



4284341759

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280607999



4294948337



4293054590

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4280607999



4294917924

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294951558



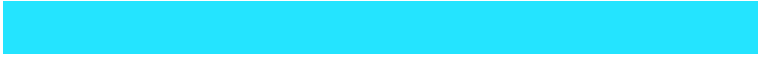
4280607999



4294947017

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280607999



4292920063



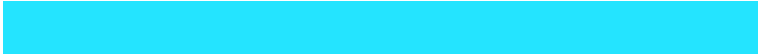
4294948514



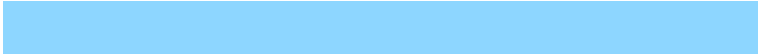
4290239629

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280607999



4287485695



4294948514



4293905534

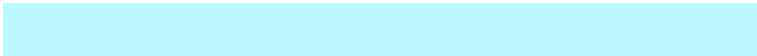


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4280607999



4290639871



4280614718



4283988864



4278190080

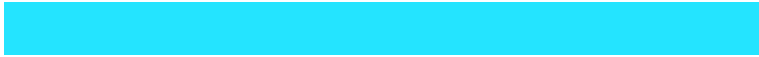


4286611584

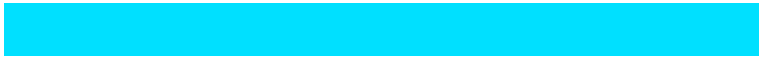


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4280607999



4278247679



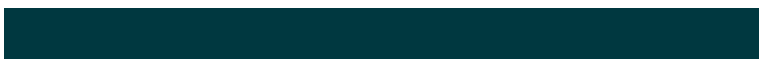
4280580351



4285759104



4278233279



4278204480



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294911204



4294901984



4294945572



4286608254



4290707624

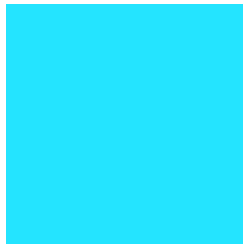


4282384440



# Previews

## White Background



This preview shows how the Android color 4280607999 looks on a white background.

## Color Contrast Check

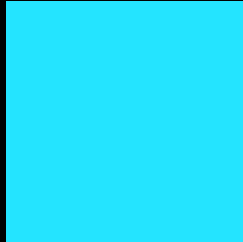
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4280607999 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280607999 Background



This preview shows how black text looks on a background with the Android color 4280607999.

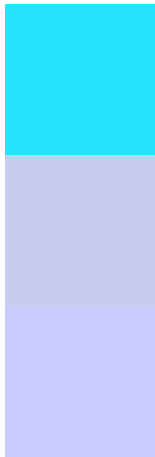


This preview shows how white text looks on a background with the Android color 4280607999.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4280607999

**Protanopia**  
4291349999

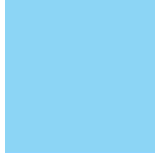
**Deuteranopia**  
4291283967



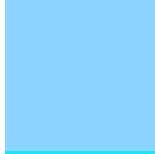
# Trichromacy



**Original Color**  
4280607999



**Protanomaly**  
4287419893



**Deuteranomaly**  
4287419647

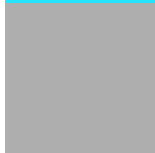


**Tritanomaly**  
4280018427

# Monochromacy



**Original Color**  
4280607999



**Achromatopsia**  
4289638062



**Achromatomaly**  
4286366411

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280607999 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(36, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(36, 228, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(36, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 228, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280607999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 228, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(36, 228, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(36, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(36, 228,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280607999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 228, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(36, 228,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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